Application #09/467,721
Submitted May 30, 2006
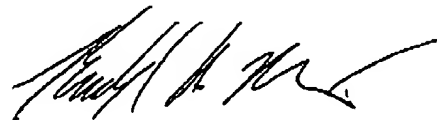Reply to Office Action of November 29, 2005

compression techniques, or run-length encoding, have been regarded as patentable. Applicant's

invention blazes a new trail, rather than following the crowd and their standard block based,

transform based approaches. Applicant's invention instead is a simple, fast, effective, on-the-fly,

one-pass, clinically lossless way of compressing a video signal. As pixels are digitized and

received into a video memory, the present invention is able to extract a pixel value by sub-

sampling a predetermined number of bits from each pixel, and then count repeated instances of

that bit-wise sub-sampled value. The encoding circuit is able to do this in one pass, on-the-fly,

"when scanning" and outputs an data code for each run of extracted pixel values. The present

invention eliminates many steps found in the cited art and is able to provide clinically lossless

results that cannot be achieved by the prior art.

VIII. RECONSIDERATION REQUESTED

51.   The undersigned respectfully submits that, in view of the foregoing

remarks, the rejections of the claims raised in the Office Action have been fully addressed and

overcome, and the present application is believed to be in condition for allowance. It is

respectfully requested that this application be reconsidered, that these claims be allowed, and that

this case be passed to issue. If it is believed that a telephone conversation would expedite the

prosecution of the present application, or clarify matters with regard to its allowance, the

Examiner is invited to call the undersigned inventor at 408-739-9517.

Respectfully submitted,

Date: May 30, 2006

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